

5th Quarterly Report – Public Page

Date of Report: December 31, 2016

Contract Number: DTPH56-16-T-00020

Prepared for: DOT Pipeline and Hazardous Material Safety Administration

Project Title: Pipeline Defense with Vibration, Earth Movement, and Current Sensing

Prepared by: Gas Technology Institute

Contact Information: Dr. Maureen Droessler, maureen.droessler@gastechnology.org, 847-768-0608

For quarterly period ending: December 31, 2016

Results and Conclusions: This project is receiving in-kind effort from a ROW Monitoring and Alert System project being sponsored by the California Energy Commission (CEC). These projects will share test sites in the California area for demonstrating the technology developed. The report on the hardware preliminary design was completed during this quarter describing the architecture of the sensor installations that will be placed on the pipeline.

Plans for Future Activity: During the next quarter, GTI will:

- Complete the final technology selection with the participating utilities
- Complete work on the current state of the art in ROW monitoring
- Coordinate field demonstrations for the utilities participating in this ROW monitoring effort